

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-4. Cancelled.

5. (Currently Amended) A continuous emulsification equipment for producing a type of process cheese ~~[[type]]~~ comprising:

a heating equipment comprising a heating device for heating a type of process cheese ~~[[type]]~~ and an agitation device for agitating the type of process cheese ~~[[type]]~~ at any agitation intensity, a holding pipe one end of which is connected to an outlet of the heating equipment and a back pressure regulating valve is provided, a cooling device for cooling the type of process cheese ~~[[type]]~~ which is connected to ~~[[the]]~~ an end of the holding pipe, and a carrying out pipe one end of which is connected to an outlet of the cooling device for carrying the type of process cheese ~~[[type]]~~, which is already emulsified, from the cooling device, ~~one end of which is connected to an outlet of the cooling device,~~

wherein an oscillating viscometer is provided to the holding pipe or the carrying out pipe,

wherein a transducer of the oscillating viscometer is put into a mold form comprising a coating material made of fluorocarbon resin and is configured to be immersed in the type of process cheese ~~[[type]]~~ flowing in the holding pipe or the carrying out pipe such that the transducer is not directly contacted with the type of process cheese ~~[[type]]~~; and

wherein an output line showing detected values by the ~~immersed~~ transducer, when immersed, is connected with a display device, a recording device, and/or a printing device.

6. (Original) A continuous emulsification equipment according to claim 5, wherein the continuous emulsification equipment further comprises a control equipment for controlling automatically agitation intensity of the agitation device and/or opening of the back pressure regulating valve such that the detected values of the transducer becomes near a target value which is set in advance.

7-8. Cancelled.

9. (Currently Amended) A continuous production equipment for producing a type of process cheese ~~[[type]]~~ comprising a kneader for kneading ~~process cheese type~~ ingredients for the type of process cheese, the continuous emulsification equipment according to one of claims 5 to 8, and a molding and filling equipment for molding and filling the type of process cheese ~~[[type]]~~ which is sent through the carrying out pipe of the continuous emulsification equipment, and thereby a type of process cheese ~~[[type]]~~ product is produced.